Extract from the online catalog

PTSA 0,5/10-2,5-Z

Order No.: 1990083

http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1990083

PC terminal block, Nominal current: 2 A, Nom. voltage: 160 V, Pitch: 2.5 mm, Number of positions: 10, Type of connection: Spring-cage conn., Conductor/PCB connection direction: 45 °, Color: green, Offset soldering legs, two-rowed

Commercial data	
EAN	4017918973650
Pack	100 pcs.
Customs tariff	85369010
Weight/Piece	0.004 KG
Catalog page information	Page 459 (CC-2009)

Product notes

WEEE/RoHS-compliant since: 01/29/2004

http://www.download.phoenixcontact.com
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

Pitch	2.5 mm
Dimension a	22.5 mm
Number of positions	10

Pin dimensions	0,4 x 0,75
Pin spacing	2.5 mm
Hole diameter	1 mm

Technical data

Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	250 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	2 A
Nominal voltage U_N	160 V
Nominal cross section	0.5 mm²
Maximum load current	2 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	9 mm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	0.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	20

Certificates / Approvals

Certification	CCA, CUL, UL, VDE-PZI

CUL

Nominal voltage U_N	300 V

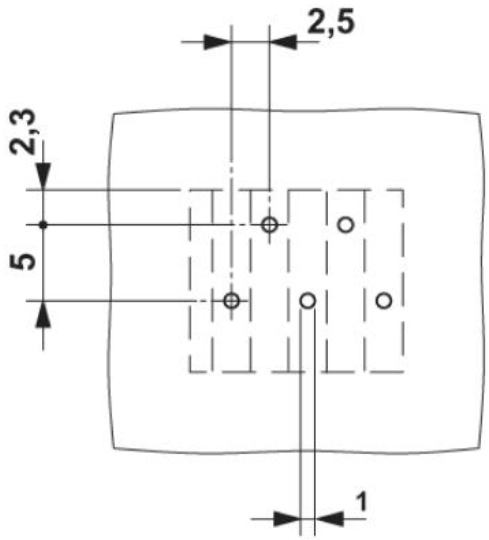
Nominal current I_N	2 A
AWG/kcmil	26-20

UL

Nominal voltage U_N	300 V
Nominal current I_N	2 A
AWG/kcmil	26-20

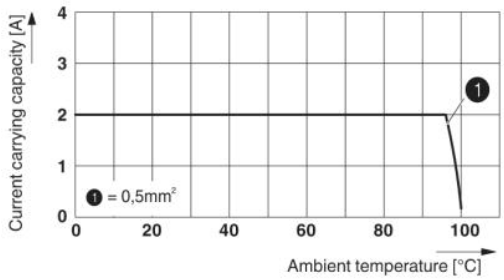
Diagrams/Drawings

Drilling plan/solder pad geometry



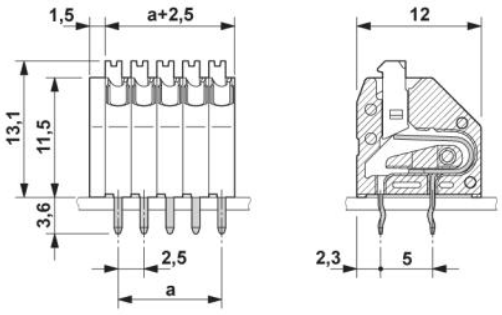
The illustration shows the 5-pos. version – Zig-zag pinning starts at the right-hand position. Other pinning available on request.

Diagram



Derating diagram for 5 pins;reduction factor=1

Dimensioned drawing



The illustration shows the 5-pos. version

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